



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Kamil Paruch et al.

Group Art Unit: To Be Assigned

Serial No.:

10/665,005

Examiner: To Be Assigned

Filed:

09/19/2003

Attorney Docket No.: OC01625K

For:

NOVEL IMIDAZOPYRAZINES AS CYCLIN

DEPENDENT KINASE INHIBITORS

## INFORMATION DISCLOSURE STATEMENT AND SUBMISSION OF INTERNATIONAL SEARCH REPORT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

PTO-1449 For application.	orm be Copy(ie	consies) of	it is requested that the documents listed on the accompanying dered and made of record in the above-identified patent these references   are attached were filed in related filed , respectively.
(b)	No fee	is belie	eved due because:
		This Ir	nformation Disclosure Statement is being filed within three (3) s of the filing date of the application.
		This In	nformation Disclosure Statement is being concurrently filed with ove-identified application.
			formation Disclosure Statement is being concurrently filed with uest for Continued Examination (RCE).
			nformation Disclosure Statement is being filed prior to the g of a first Office Action on the merits.
(c)		date of	formation Disclosure Statement is being filed before the mailing fany final action, notice of allowance or an action that otherwise prosecution; and
			Each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
			No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement; or
			The Commissioner is hereby authorized to charge the requisite fee listed on the attached Fee Transmittal Sheet.

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Serial No. <u>10/665.005</u> March 26, 2004 Page 2 of 2

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	(d)			formation Disclored into the feet of the issue of the is		atement is being	filed on or	before the
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$\boxtimes$	requir	ed for t	his Info	hereby authorize rmation Disclosu 19-0365, Patent (	ire Stat	tement, or credi	t any overp	
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Dated:	: Marc	h 26, 20	04		Ву:	Dy		
		OUGH C			•	Name: Palaiyu		raman
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03/26/2004

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TO A NORSITTAL	Complete if Knd			
FEE TRANSMITTAL	Application Number	10/665,005		
for FY 2004	Filing Date	09/19/2003		
	First Named Inventor	Kamil Paruch		
ective 10/01/2003. Patent fees are subject to annual revision.				

**(\$)** 180.00

Eff

Signature

TOTAL AMOUNT OF PAYMENT

Applicant claims small entity status. See 37 CFR 1.27

Complete if Known							
Application Number	10/665,005						
Filing Date	09/19/2003						
First Named Inventor	Kamil Paruch						
Examiner Name							
Art Unit							
Attorney Docket No.	OC01625K						

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)						
Check Credit card Money Other None	3. ADDITIONAL FEES						
Deposit Account:	Large En	ntity	Small	Entity			
Deposit Account 19-0365		Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	
Number 17 03 03	1051	130	2051	65	Surcharge - late filing fee or oath		
Deposit Account Name Schering-Plough Corporation	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		
The Director is authorized to: (check all that apply)	1053	130	1053	130	Non-English specification	<b></b>	
Charge fee(s) indicated below Credit any overpayments	1812 2.	.520	1812	2,520	For filing a request for ex parte reexamination		
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	<b></b> ],	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805 1,	,840*	1805	1,840*	Requesting publication of SIR after Examiner action		
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month		
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month		
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month		
Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254 1,	,480	2254	740	Extension for reply within fourth month		
1001 770 2001 385 Utility filing fee	1255 2,	010	2255	1,005	Extension for reply within fifth month		
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal		
1003 530 2003 265 Plant filing fee	1402	330	2402		Filing a brief in support of an appeal		
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing		
1005 160 2005 80 Provisional filing fee	1451 1.	510	1451	1,510	Petition to institute a public use proceeding		
SUBTOTAL (1) (\$) 0.00	1452	110	2452	55	Petition to revive - unavoidable		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1,	.330	2453	665	Petition to revive - unintentional		
Fee from _	1501 1.		2501		Utility issue fee (or reissue)		
Extra Claims below Fee Paid  Total Claims X =	_	480	2502		Design issue fee		
Independent 3.1.5		640	2503	320	Plant issue fee		
Claims		130	1460	130	Petitions to the Commissioner		
Large Entity   Small Entity	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	100 00	
Fee Fee Fee Fee Description	1806	180	1806	-	Submission of Information Disclosure Stmt	180.00	
Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20	8021	40	8021	40	Recording each patent assignment per property (times number of properties)		
1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))		
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be		
1204 86 2204 43 ** Reissue independent claims over original patent	4004		0004		examined (37 CFR 1.129(b))		
1205 18 2205 9 ** Reissue claims in excess of 20		770 900	2801 1802	385 900	Request for Continued Examination (RCE)		
and over original patent	1002	300	1002	500	Request for expedited examination of a design application		
SUBTOTAL (2) (\$) 0.00	Other fee	e (spe	cify) _				
**or number previously paid, if greater, For Reissues, see above	*Reduce	ed by	Basic F	iling Fe	ee Paid SUBTOTAL (3) (\$) 180.	00	
SUBMITTED BY					(Complete (if applicable))	-	
Palaiyur S. Kalyanaraman  Registration No. (Attorney/Agent) 34,634  Telephone 908-298-5068							

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

(Attomey/Agent)

PTO/SB/92 (08-03) (Modified)

Application No.: 10/665,005 Filing Date: 09/19/2003 Applicant: Kamil Paruch et al.

1

Title: "Novel Imidazopyrazines as Cyclin Dependent Kinase Inhibitors"

## Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

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Documents enclosed:

Certificate of Mailing - 1pg.

Post Card

Fee Transmittal - 1pg. in duplicate

Information Disclosure Statement - 2pgs.

Copy of International Search Report - 5pgs.

PTO-1449 Form - 2pgs. in duplicate

References (11)

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			U.S. PAT	ENT DOCUM	MENTS				
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	AL	WO 02 060492 A	08/08/2002	WII		<u> </u>			
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	AQ	Viste, O. et al., "Imio Phosphodiesterase							е
	AR	K. Zurbonsen et al.,	"Antiproliferat	ive effects of Im	idazo[1,2-α]pyı	razine Der	ivatives c	n the Da	ami
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	AO	K. Zurbonsen <i>et al.</i> , Line", <i>European Jou</i>	Apoptotic en	ects of imidazo[	ı,∠-αjpyrazine	Delivative	s in the F	numan L	amı
		Line, European Jou	inai Ui Filalill	accicyy, 320: 2	10-221. (1997)				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to

DATE CONSIDERED

applicant.

**EXAMINER** 

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INFO	DRM	ATION DISCLOS BY APPLIC		EMENT	APPLICANT: Kamil Parud	ch et al.			
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	ВМ	A. Sanderowicz et	al., "Phase I Tr	rial of Continuou	s Infusion Flav	opiridol, a	Novel Cy	/clin-	
		Dependent Kinase 2999 (1998).			•				
	BN	J. Vesely <i>et al.</i> , "Int <b>224</b> : 771-786 (1994	1).			_			
	во	I. Meijer et al., "Bio the Cyclin-Depende							
	BP	K. S. Kim et al., "Di	scovery of Am	inothiazole Inhib	itors of Cyclin	-Depender	t Kinase	2: Synth	esis,
		X-ray Crystallograp	hic Analysis, a	ind Biological Ad	tivities", <i>J. Me</i>	dicinal Che	emistry, 4	<b>5</b> : 3905-	3927

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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